



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/732,803 Confirmation No. 5888
Applicant : Sadayuki KOBAYASHI et al.
Filed : December 11, 2003
TC/A.U. : Unknown
Examiner : Unknown
Dkt. No. : IPE-030
Cust. No. : 20374

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

June 24, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Document FA is not in the English language. However, the

concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of an English language abstract thereof.

Documents FB and FD are not in the English language. Please note that documents FC and FE are corresponding English language counterparts thereof, respectively. Therefore, no concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

Please note that document FA is described in the paragraph beginning on page 1, line 17, of the specification of the present application. Document FB is described in the paragraph beginning on page 1, line 26. Document FD is described in the paragraph beginning on page 2, line 9.

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK

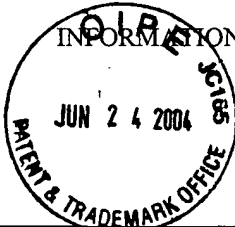


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U.S. Patent Appln. S.N. 10/732,803
INFORMATION DISCLOSURE STATEMENT

PATENT

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Attachments: PTO-1449
Five Documents

	INFORMATION DISCLOSURE STATEMENT PTO-1449		Atty. Docket No. IPE-030	Serial No. 10/732,803
	Applicant: Sadayuki KOBAYASHI et al.			
	Filing Date: December 11, 2003		Group: Unknown	

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA						
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	5-156141 A	06/22/93	JP	Abstract
	FB	59-58052 A	04/03/84	JP	No
	FC	0 104 543 A1	04/04/84	EP	
	FD	8-113829 A	05/07/96	JP	No
	FE	0 699 784 A2	03/06/96	EP	
	FF				
	FG				

OTHER DOCUMENTS

Examiner's Initial		
	DA	
	DB	
	DC	

Examiner:	Date Considered:
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KTK/jbf